

# Mixed-Model Line Design Workshop

A Leonardo Group Americas Learning Experience

## About the Leonardo Group

The Leonardo Group is a Lean training and coaching company with offices in Boulder, Colorado and Munich, Germany. They are partners with many of the world's leading Lean companies, and specialize in the Lean skills of Line Design and Lean Material Management.

## Workshop Details

**Date:** June 16-18, 2015  
**3-Day Workshop**

**Time:** 8:00 AM to 5:00 PM

**Location:** Toyota Material Handling USA  
National Customer Center  
5559 Inwood Drive  
Columbus, IN 47202

**Cost:** \$1,995/Person, Lunch included.  
Early Bird and Group discounts available.  
Enrollment limited to 32 participants.

## Registration

Register online at [www.leonardogroupamericas.com](http://www.leonardogroupamericas.com)

Attendees will receive a signed copy of the book *The Complete Guide to Mixed Model Line Design*, a copy of all training materials and a CD with forms, software tools, worksheets, and checklists.

***This workshop is graciously hosted by Toyota Material Handling USA.***

## Workshop Agenda

*Mixed Model Line Design.* The future of manufacturing belongs to multi-product manufacturing, but few Lean practitioners are competent in mixed-model line design. The deliverable for this workshop is for participants to learn these skills, and to be able to apply them immediately in their home factory environment.

*Beyond Lean Basics.* Take the leap beyond 5S, Value Stream Mapping and SMED to where the *real* process improvement takes place: Line Design. This workshop is led by the authors of *The Complete Guide to Mixed Model Line Design*, experts in mixed model line design from Leonardo Group Americas, with presentations from industry experts from Toyota Material Handling.

*Physical Implementation.* Students learn best by doing, and this advanced Workshop will include the actual implementation of all of the line design tools in a simulation environment. Participants will apply all of the formal line design steps, culminating with an actual mixed model line design in the classroom.

*Toyota Plant Tours (2).* Participants will have a chance to compare what was learned in the classroom, and applied in a simulation environment, to what is actually done at a factory that was named one of *Industry Week Magazine's* Top 10 Plants in the US. The plant tours will be led by seasoned Toyota experts, with a focus on the line design tools previously learned.

*Lunchtime Q&A.* Managers and engineers from Toyota will host a Q&A session during the lunch period, to answer Toyota-specific questions and methods.

*Accomplish Real Work.* This workshop has an immediate and practical goal: the creation of a Line Design improvement plan, a time-phased, company-specific list of actions that can be implemented immediately. Participants from the same company will work as a team to create this plan.

Presented by

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